The skull possesses an unusually-shaped snout, with sharply downturned . This forms a toothy hook at almost a right angle to the rest of the jaw, with a large . The mandible is considerably robust and is dotted with small sharp teeth, along with a pair of pointed conical projections towards the tip, the function of which is unknown.[2] The strange skull suggests a highly specialized lifestyle. It has been speculated[1] that the projections on the mandible were used to crush hard-shelled prey such as molluscs. Other paleontologists disagree with this hypothesis,[2] arguing that the projections do not against any other potential crushing surface in the jaws, instead making contact with the rostral diastema.